

Abstract of the Invention

The present invention provides a conjugate consisting essentially of a NK4 molecule and a polyethylene glycol group having a molecular weight of from about 20 to about 40 kDa. The invention also provides a composition in which the monoPEGylated conjugates comprise at least 90% of the total of pegylated NK4 molecules and unpegylated NK4 molecules in the composition. Also provided is a composition in which the monoPEGylated conjugates comprise conjugates in which the PEG groups are attached to groups randomly selected from the lysine side chains of NK4 molecules and the N-terminal amino groups of NK4 molecules. A method for the treatment of cancer by administering 1 to 30 mg monoPEGylated NK4 per kg per day is further provided.

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